

Reference Numeral List

- 1 injection nozzle
- 2 nozzle body
- 3 injection opening
- 4 combustion chamber
- 5 nozzle needle
- 6 needle guide
- 7 needle tip
- 8 sealing seat
- 9 supply line
- 10 nozzle chamber
- 11 annular chamber
- 12 pressure shoulder
- 13 guide surface
- 14 sealing surface
- 15 nozzle needle opening direction
- 16 first compensator surface
- 17 nozzle needle closing direction
- 18 control piston
- 19 actuator
- 20 control piston guide
- 21 first control surface
- 22 first hydraulic path

- 23 first control chamber
- 24 first compensator chamber
- 25 connecting line
- 26 return spring
- 27 second control surface
- 28 second control chamber
- 29 second hydraulic path
- 30 control piston bypass
- 31 opening stroke
- 32 compensator piston
- 33 compensator piston guide
- 34 second compensator surface
- 35 second compensator chamber
- 36 inlet line
- 37 inlet valve
- 38 spring
- 39 drive piston
- 40 push rod
- 41 spring mechanism
- 42 through opening
- 43 conversion chamber
- 44 lateral bore
- 45 annular groove
- 46 connecting line

- 47 compensator piston bypass
- 48 piston rod
- 49 first leakage chamber
- 50 leakage line
- 51 second leakage chamber
- 52 extension
- 53 axial groove
- 54 first leakage chamber
- 55 second leakage chamber
- 56 leakage line
- 57 pins